

CLAIMS:

1. A shaver comprising a shaving head including at least one cutting blade and two skin-supporting members, the cutting blade having a cutting edge extending perpendicularly to a shaving direction of the shaving head, and the skin-supporting members being arranged, viewed in the shaving direction, respectively, in front of and behind the cutting blade and extending substantially in a contact surface wherein, in operation, the shaving head contacts a skin surface to be treated, while the cutting blade and the skin-supporting members are secured to a sub-frame, which is coupled to a main frame and can be displaced, against a spring force, with respect to the main frame, characterized in that the main frame comprises two further skin-supporting members which, viewed in the shaving direction, are arranged, respectively, in front of and behind the sub-frame and which extend substantially in the contact surface.
2. A shaver as claimed in claim 1, characterized in that the spring force is directed towards the contact surface, and, in a state wherein the shaving head does not contact the skin surface, the sub-frame rests against a stop of the main frame under the influence of the spring force.
3. A shaver as claimed in claim 1, characterized in that the sub-frame is secured to the main frame by means of a mechanical spring unit, and is at least tiltable with respect to the main frame about two mutually perpendicular tilt axes and displaceable with respect to the main frame in a displacement direction perpendicular to said tilt axes, thereby deforming the spring unit.
4. A shaver as claimed in claim 3, characterized in that the spring unit comprises a central portion and two pairs of leaf springs facing away from each other, which leaf springs each extend from the central portion in a direction substantially perpendicular to the shaving direction, and each support the sub-frame at a location close to a corner.

5. A shaver as claimed in claim 4, characterized in that the central portion of the spring unit is provided with a sphere segment-shaped supporting element with which the spring unit rests against the main frame.
- 5 6. A shaver as claimed in claim 1, characterized in that the shaving head is provided with means for adjusting the spring force.
7. A shaver as claimed in claim 1, characterized in that a skin-stretching member is provided on the main frame and/or on the sub-frame, which skin-stretching member is
10 arranged, viewed in the shaving direction, in front of the cutting blade.
8. A shaver as claimed in claim 1, characterized in that a skin-contacting member is provided on the main frame and/or on the sub-frame, which skin-contacting member contains a shaving aid.
15
9. A shaving head which can suitably be used in a shaver as claimed in any one of the preceding claims.